

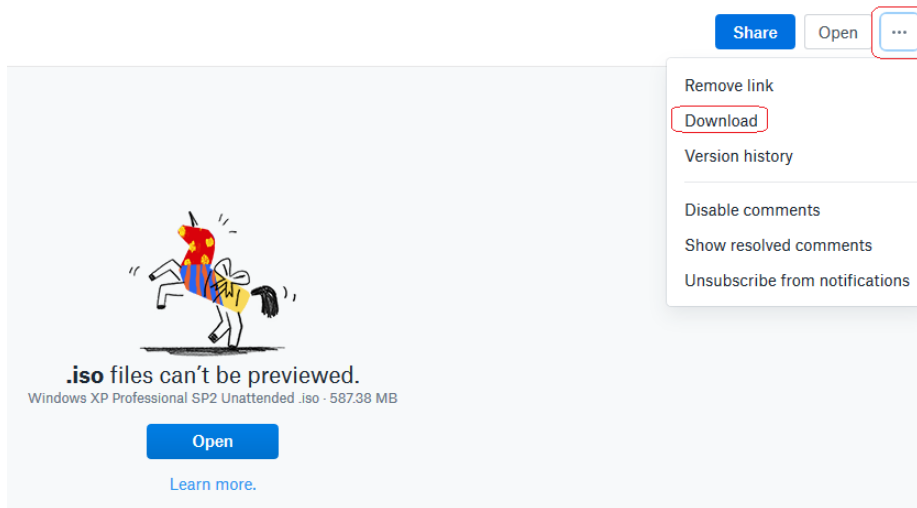
# Lab - Creating an Unattended Virtual Install of XP Using VirtualBox

## Overview

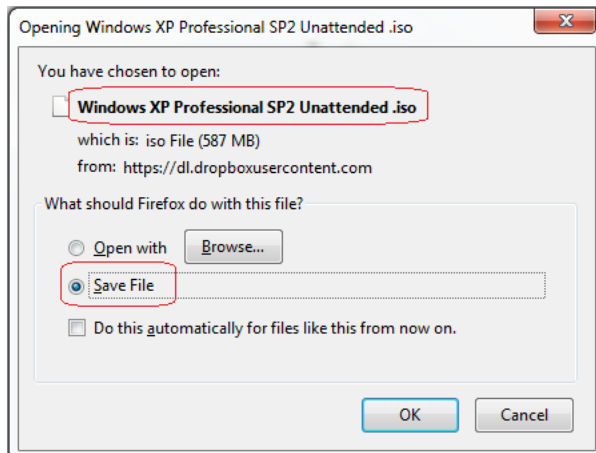
In this lab, students will create a virtual unattended install of Windows XP Pro SP2 using VMWare. This will be one of the attack victims used in the lab. Creating this VM of Windows XPSP2 is very straightforward.

The Windows XP SP2 Unattended Install ISO can be downloaded using this link: [Download Windows XP SP2 Unattended](#)

Once the Dropbox download site appears, go to the upper right corner, and click on the three dots. This opens the context menu and presents you with a download option. Click on download.



Save the ISO download to a location on your local machine. Remember the location!

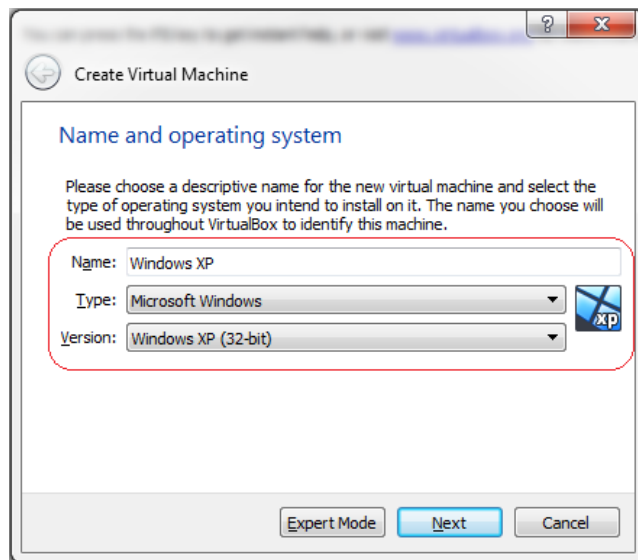


**This is the direct link:**

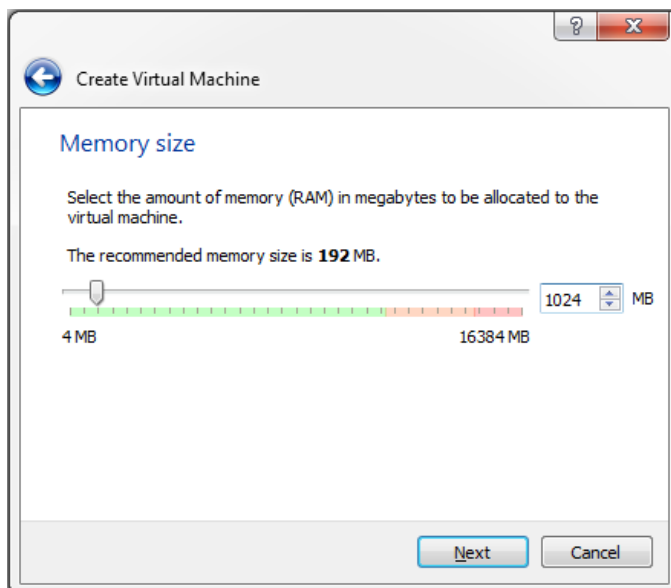
**<https://www.dropbox.com/s/zp4m9lzduqh3vgj/Windows%20XP%20Professional%20SP2%20Unattended%20.iso?dl=0>**

## **Creating a New Virtual Machine in VirtualBox**

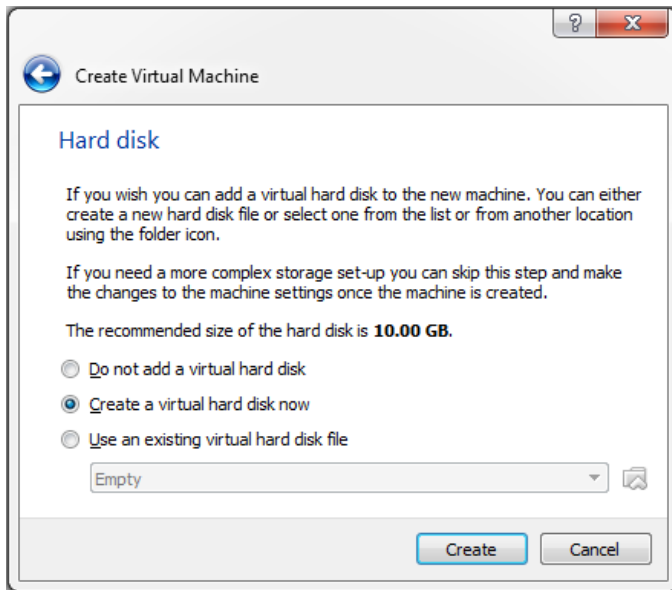
To create a new virtual machine in VirtualBox, click on New. The Create Virtual Machine wizard opens. Give your new machine a user-friendly name. Under type, select Microsoft Windows and under version, select Windows XP (64-bit). Click Next.



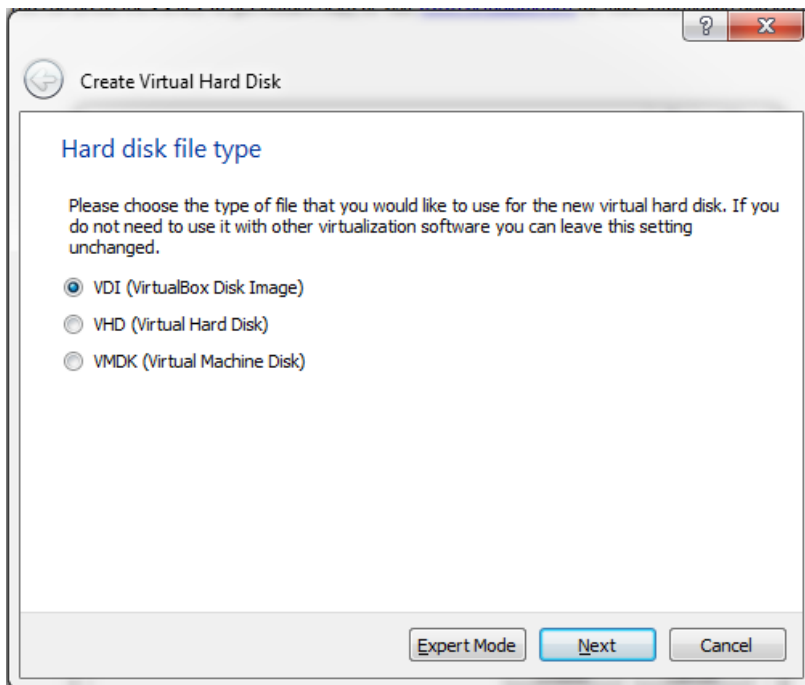
If you can spare the RAM, bump it up to 1024 MB. If not leave it at the default of 512 but if your XP machine is slow to boot or non-responsive, this is where you need to look to fix the issue. Click next.



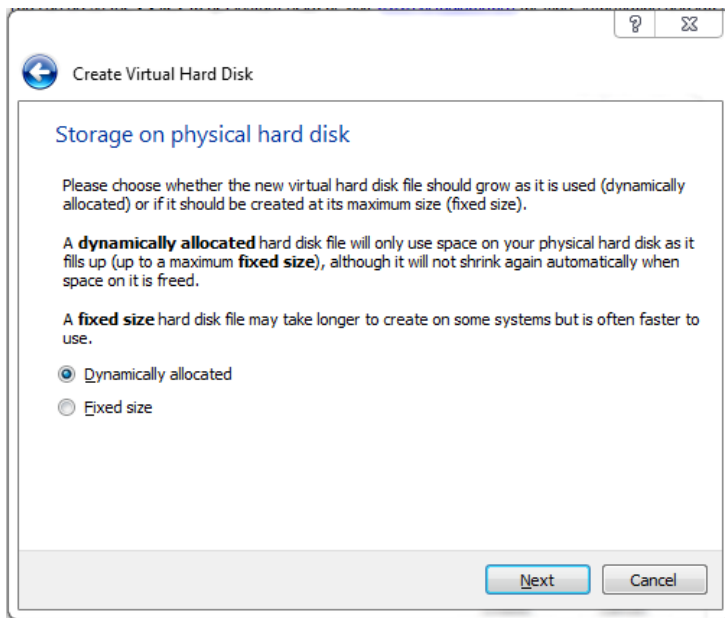
For the hard disk, accept the default to create a virtual disk now. Click Create.



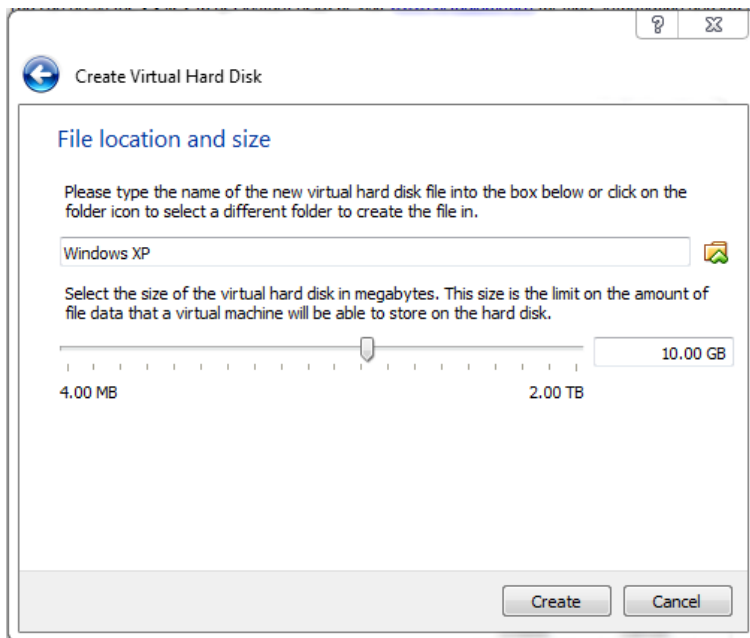
In the next window, accept the default hard disk file type, VDI. Click next.



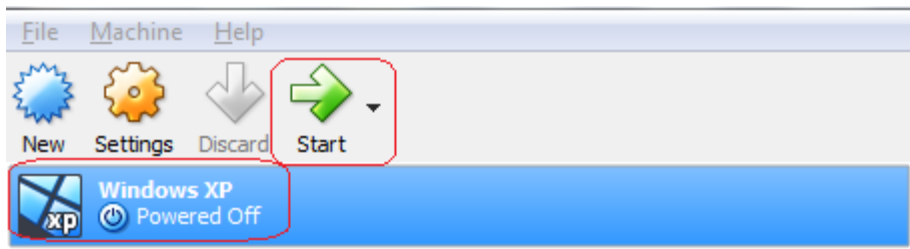
Accept the default storage type as dynamically allocated.



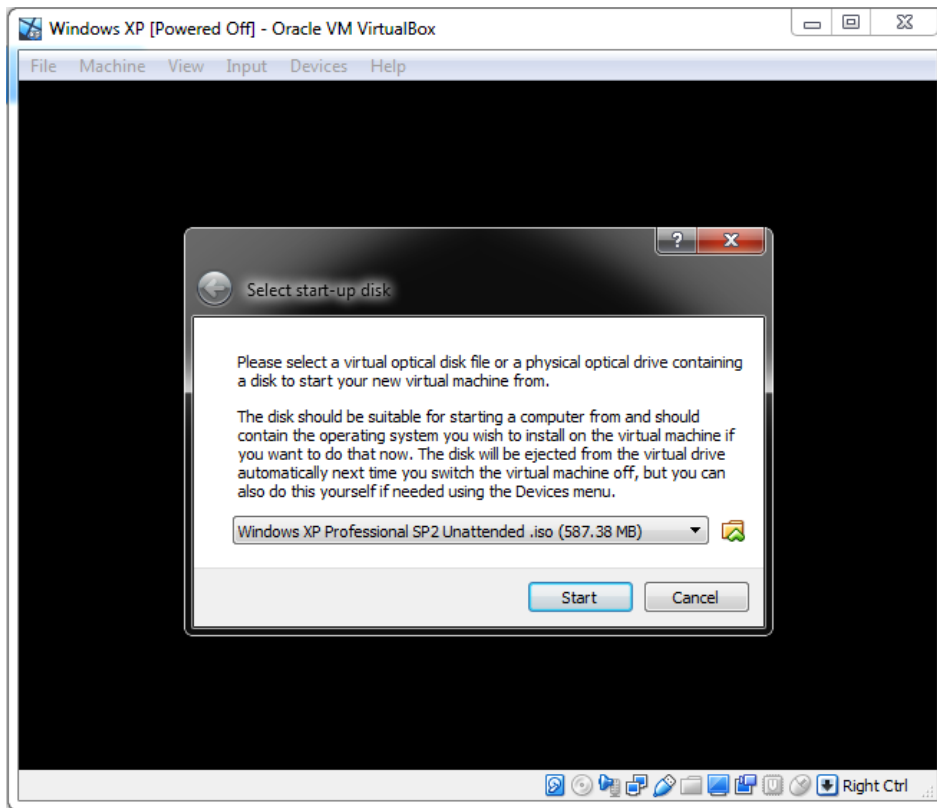
For Windows XP, 10 GB of dynamically allocated storage space is plenty. We will not be updating Windows XP as it needs to remain unpatched.



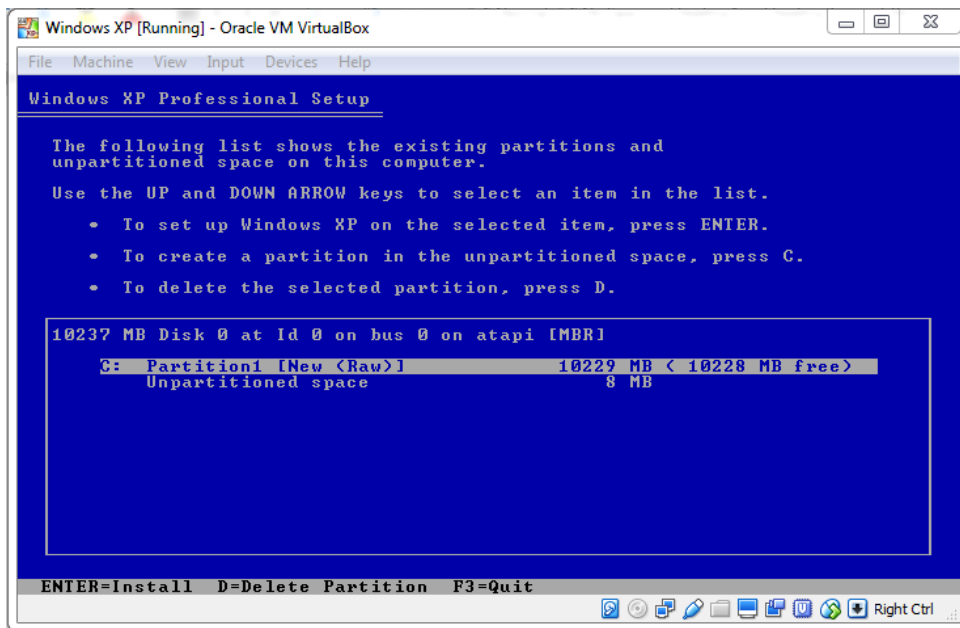
This creates the machine. We now need to create an install of Windows XP onto the machine. Select your Windows XP machine and click on the green start button.



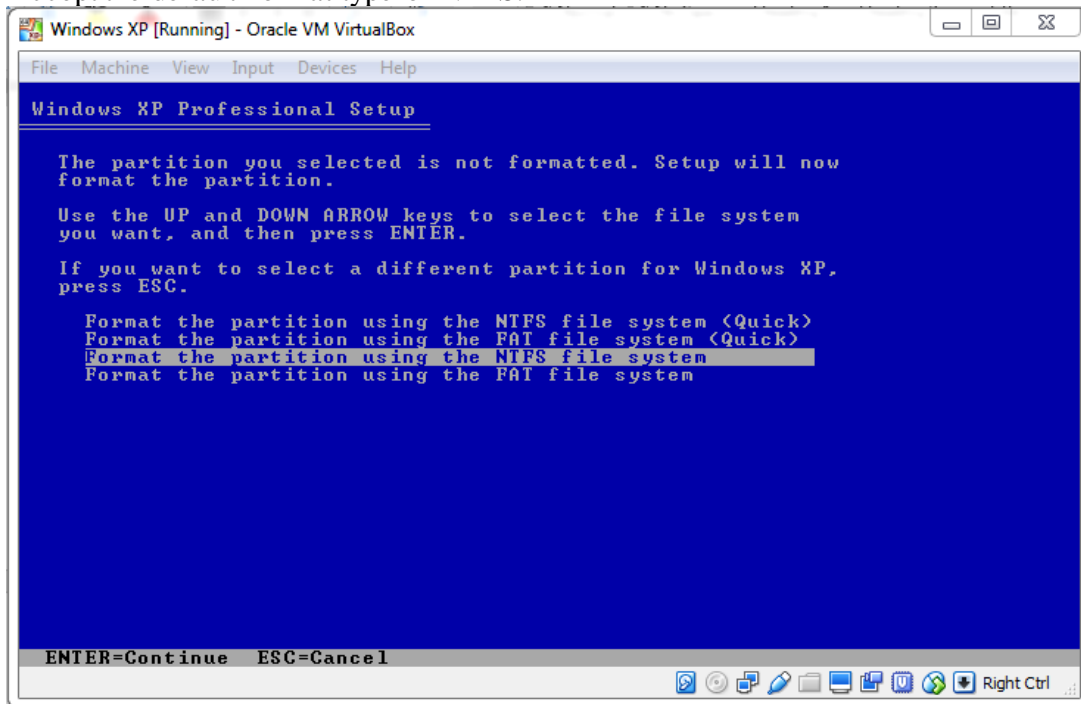
For this step, we must select a start-up disk. Click on the browse button and browse to the download of your **Windows XP Professional SP2 Unattended.iso** image. Click on start. The Windows XP setup begins.



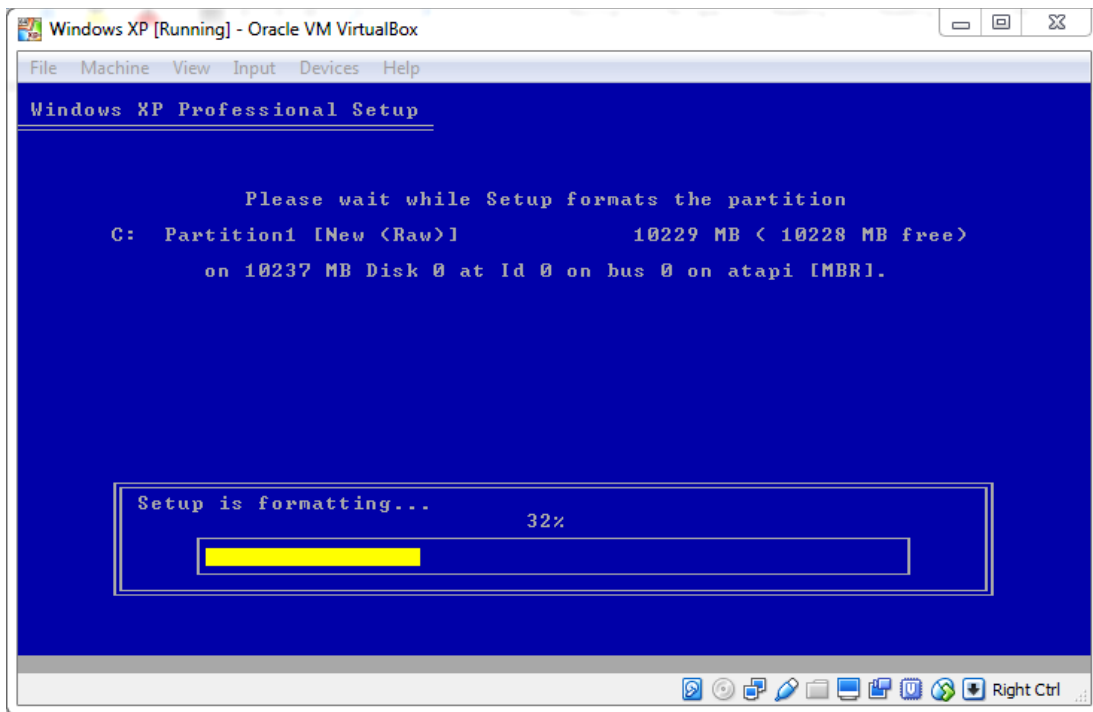
At the first screen, accept the default partition size and hit enter.



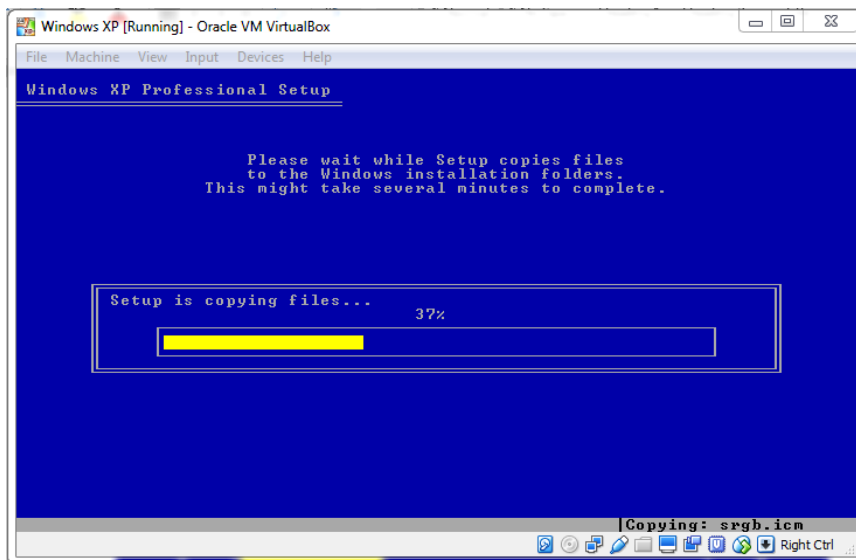
Accept the default format type of NTFS.



Allow the install to format the virtual disk.

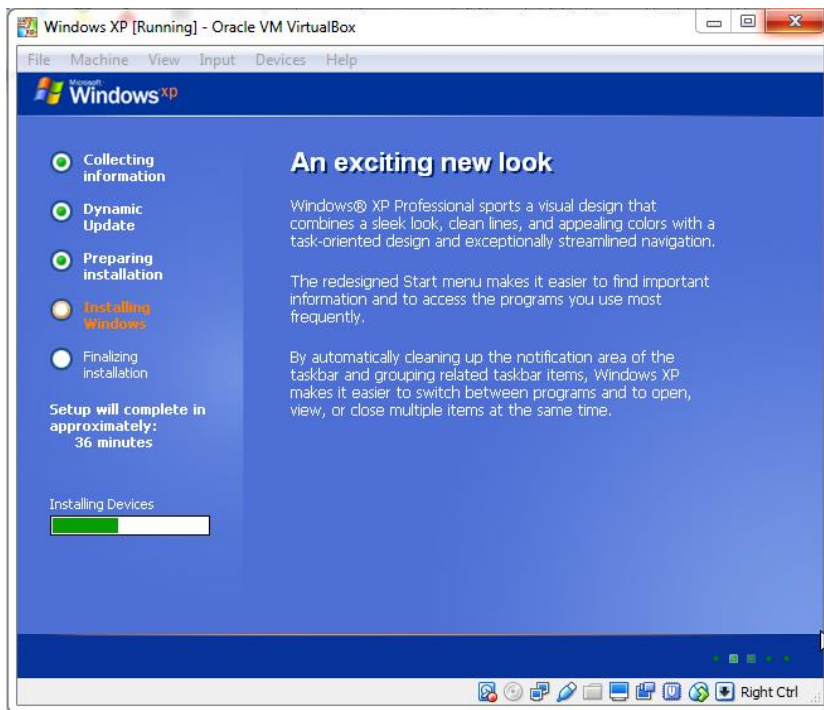


Setup copies files over to the disk.

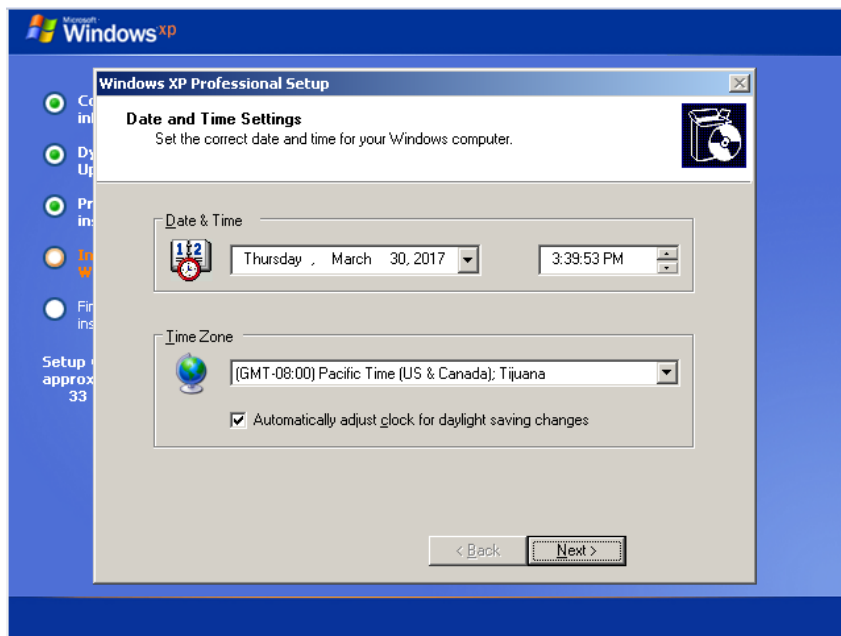


After the file copy process, the machine restarts.

After the restart, the GUI portion of the install begins.

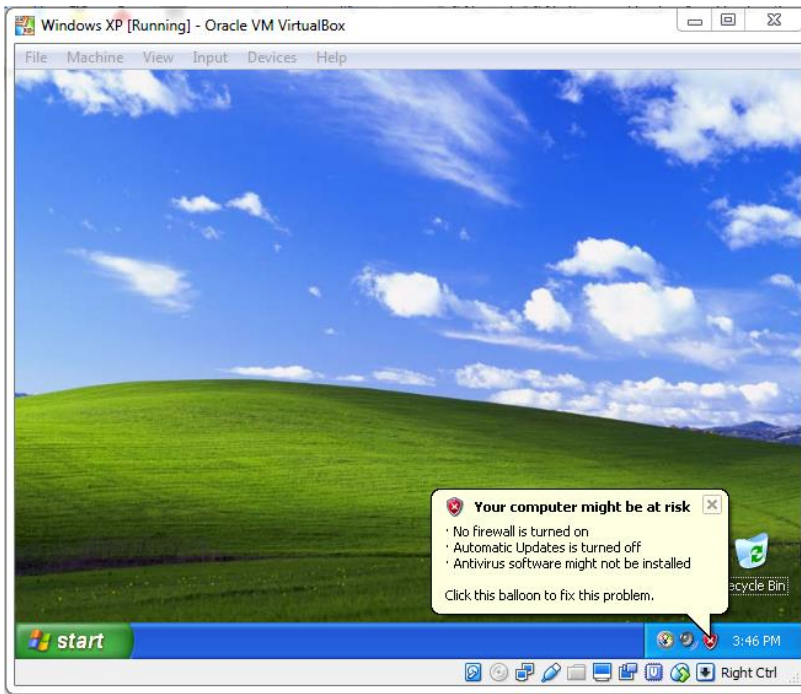


Set your date and time and time zone.

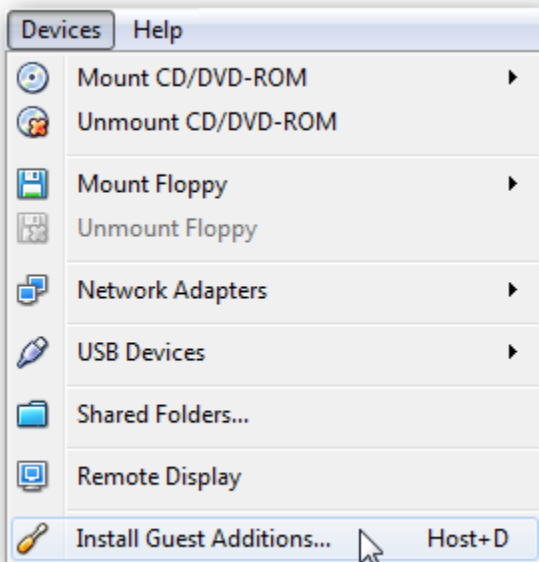


The install continues. Allow the install to complete, reboot and to come back up and should automatically boot to the desktop. The administrator password is **password** all lower case.





Install the guest additions. Click Devices and from the context menu select install guest additions.

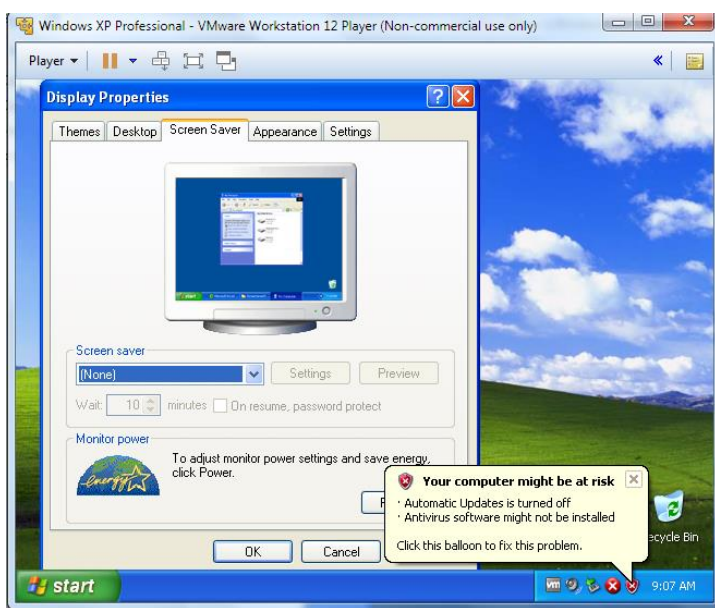


Step the installation wizard to install the guest additions.

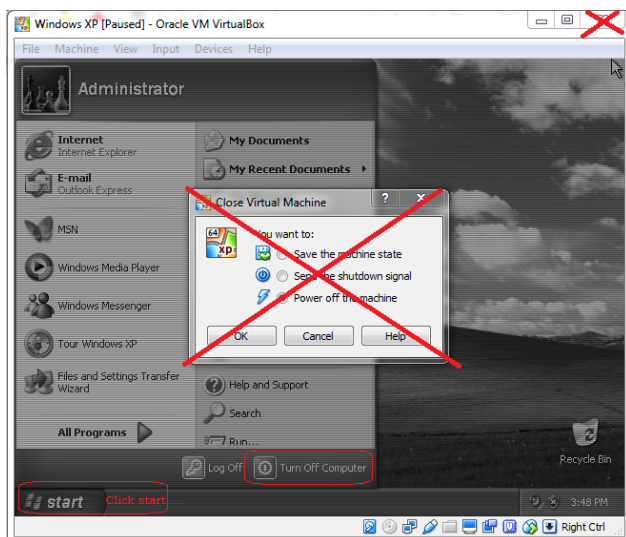


To prevent Windows XP from logging you out after 10 minutes of inactivity, remove the screensaver.

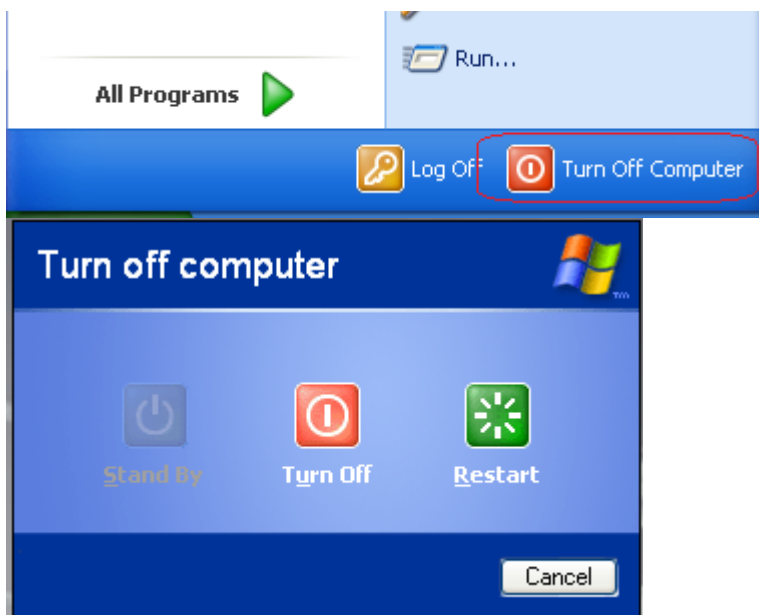
Right-click anywhere on the screen, and select properties. Click on the Screen Saver tab, and from the pull-down menu, select none.



Make sure you shut down your XP machine gracefully using the start menu. Shutting XP down improperly will corrupt either Kali and Windows XP.



Use the Power button to reboot or shutdown your Windows XP machine.



End of the lab!